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## Substrate and Cation Binding Mechanism of Glutamate Transporter Homologs

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# **Substrate and Cation Binding Mechanism of Glutamate Transporter Homologs**

Sonja Jensen

Cover front: Magnified substrate and cation binding site of substrate-loaded Glt<sub>Tk</sub>.

Background: crystal structures of Glt<sub>Tk</sub> in surface presentation.

Cover back: Crystal structures of Glt<sub>Tk</sub> in surface and cartoon presentation.

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groningen

# **Substrate and Cation Binding Mechanism of Glutamate Transporter Homologs**

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to obtain the degree of PhD at the  
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on the authority of the  
Rector Magnificus Prof. E. Sterken  
and in accordance with  
the decision by the College of Deans.

This thesis will be defended in public on

Friday 19 May 2017 at 11.00 hours

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